

Abstract

The invention relates to filters consisting of filter paper or paper-like nonwoven material that partially or wholly consist of fibrous material containing cellulose.

Starting from the drawbacks afflicting the prior art, the aim is to provide filters that are characterized by a high filtration capacity and are additionally capable of absorbing and binding undesirable foreign and attendant substances in the filter medium.

As the solution, a filter is proposed in which the cellulose-containing material is at least partially carbamided with urea and phosphorylated with phosphoric acid or ammonium phosphate until a nitrogen content in the form of carbamide groups of 1 to 4% and a phosphorus content of 3 to 8% is reached. Furthermore, a suitable production method is proposed.